

Marshall, Vanessa

From: Fox, David F NWS <David.F.Fox@usace.army.mil>
Sent: Tuesday, August 16, 2016 1:51 PM
To: Bachman, Brenda
Subject: RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)
Attachments: Snow Creek sampling location for Brenda.pdf

CLASSIFICATION: UNCLASSIFIED

Here you go! Dave

-----Original Message-----

From: Bachman, Brenda [mailto:bachman.brenda@epa.gov]
Sent: Tuesday, August 16, 2016 1:42 PM
To: Fox, David F NWS <David.F.Fox@usace.army.mil>
Subject: [EXTERNAL] RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)

Okay. I really just need a larger map so that I know where you are sampling. I can't tell from the one you sent.

Thanks, Brenda

-----Original Message-----

From: Fox, David F NWS [mailto:David.F.Fox@usace.army.mil]
Sent: Tuesday, August 16, 2016 1:07 PM
To: Bachman, Brenda <bachman.brenda@epa.gov>
Subject: RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

I'm on a RSET conference call. It's scheduled to run until 3:00, which is when my vanpool leaves. If it gets done early I'll call you, okay? Dave

-----Original Message-----

From: Bachman, Brenda [mailto:bachman.brenda@epa.gov]
Sent: Tuesday, August 16, 2016 12:39 PM
To: Fox, David F NWS <David.F.Fox@usace.army.mil>
Subject: [EXTERNAL] RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)

Yes, are you in now?

-----Original Message-----

From: Fox, David F NWS [mailto:David.F.Fox@usace.army.mil]
Sent: Tuesday, August 16, 2016 7:16 AM
To: Bachman, Brenda <bachman.brenda@epa.gov>
Subject: RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Hi Brenda,

The sediment sampling took place the week before last. I have attached the SAP memo I asked the contractor to prepare prior to the field work. The bioassay lab had trouble spawning oysters for the larval development test last week and is trying again this week. No chemistry results yet. I would be happy to discuss.

Dave

-----Original Message-----

From: Bachman, Brenda [mailto:bachman.brenda@epa.gov]
Sent: Monday, August 15, 2016 3:43 PM
To: Fox, David F NWS <David.F.Fox@usace.army.mil>
Subject: [EXTERNAL] RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)
Importance: High

Dave,

Just talked to Tina Tong and learned that you may be doing some sediment sampling at the Snow Creek site...would you give me a call to fill me in, please? EPA is also interested in water sampling and analyzing the precipitate from Tom Madsen's seed tanks.

Thanks, Brenda

-----Original Message-----

From: Fox, David F NWS [mailto:David.F.Fox@usace.army.mil]
Sent: Monday, August 08, 2016 2:16 PM
To: Bachman, Brenda <bachman.brenda@epa.gov>; Warner, Lauran C NWS <Lauran.C.Warner@usace.army.mil>
Subject: RE: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Hi Brenda,

We certainly will! The project proponent is also running the sediment larval test on fines from the proposed excavation.

Dave

-----Original Message-----

From: Bachman, Brenda [mailto:bachman.brenda@epa.gov]
Sent: Monday, August 08, 2016 2:07 PM
To: Fox, David F NWS <David.F.Fox@usace.army.mil>; Warner, Lauran C NWS <Lauran.C.Warner@usace.army.mil>
Subject: [EXTERNAL] FW: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics

Hi Dave and Lauren,

We are still working on the Discovery bay concerns about oysters. As Justine notes below, if you have any chemical data from monitoring at the restoration site, would you be able to pass it along to me?

Thanks, Brenda

From: Barton, Justine
Sent: Monday, August 08, 2016 1:03 PM
To: Bachman, Brenda <bachman.brenda@epa.gov>

Subject: FW: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics

Hi Brenda - Understand you and Linda have been working on this project...just wanted to be sure you received this too.
JB :)

Justine Barton | U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue ms OERA 202-3 | Seattle, WA 98101 | 206.553.6051 | barton.justine@epa.gov
<mailto:barton.justine@epa.gov>

From: Barton, Justine
Sent: Monday, August 08, 2016 10:47 AM
To: Anderson-Carnahan, Linda <Anderson-Carnahan.Linda@epa.gov <mailto:Anderson-Carnahan.Linda@epa.gov> >
Subject: Snow Creek Estuary / Discovery Bay -- FW: OERA Hot Topics

Hi Linda - I see from David's notes that you went to see shellfish beds in Discovery Bay last week. Apparently Laura Inouye was out looking at the project site on the same day you were, and she brought up a couple of things I thought you should know about... She noted that WDFW has a study plot very near the beds where this complaint occurred, the study plot is associated with the native Olympia oyster re-establishment program (near Snow Creek). WDFW contact is shellfish biologist Brady Blake (His listing is 360-302-3030 ext 301). According to Laura, the native oysters in the area are doing well. Also, the restoration project is doing some chemistry sampling in support of their nationwide permit NWS-2013-40 Snow Creek Estuary...David Fox and Laura Inouye have been working that project from the sediment chemistry side of things. Just FYI. JB

Justine Barton | U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue ms OERA 202-3 | Seattle, WA 98101 | 206.553.6051 | barton.justine@epa.gov
<mailto:barton.justine@epa.gov>

From: Allnutt, David
Sent: Friday, August 05, 2016 11:06 AM
To: R10-ORA <R10-ORA@epa.gov <mailto:R10-ORA@epa.gov> >
Cc: Opalski, Dan <Opalski.Dan@epa.gov <mailto:Opalski.Dan@epa.gov> >; Edmondson, Lucy
<Edmondson.Lucy@epa.gov <mailto:Edmondson.Lucy@epa.gov> >; Barber, Anthony <Barber.Anthony@epa.gov
<mailto:Barber.Anthony@epa.gov> >
Subject: OERA Hot Topics

For the week of August 8, 2016

This Week:

Puget Sound Nearshore Ecosystem Restoration Project: During the week of August 8, Region 10 will submit comments on the final EIS for this project. The comment letter will also respond to Col. Buck's request for letters of support from agencies' leadership. We anticipate that the letter will be supportive of the project. EPA's comment letter on the draft EIS (submitted on December 20, 2014) gave the document an EC-2 rating with recommendations for an alternative that would be more geographically comprehensive than the preferred alternative, and for additional information regarding

Valued Ecosystem Components, lessons learned, protection opportunities, and climate change. We believe the final EIS has addressed these concerns. ERSMU staff is working closely with the Puget Sound Program in drafting the comment letter. Contact: Erik Peterson (3-6382).

Final CEQ GHG/Climate Change Guidance for NEPA Reviews: On August 1, CEQ published the long-awaited "Final Guidance for Federal Departments and Agencies on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in National Environmental Policy Act Reviews." Recognizing that many projects needing approval by Federal agencies have the potential to emit or sequester GHGs and may be affected by climate change, this guidance provides a framework for agency analyses under NEPA. The final guidance recommends that agencies use projected GHG emissions as a proxy for assessing potential climate change effects when preparing a NEPA analysis for a proposed agency action; recommends that agencies quantify projected direct and indirect GHG emissions, taking into account available data and GHG quantification tools that are suitable for the proposed agency action; and recommends that where agencies do not quantify the GHG emissions for a proposed agency action because tools, methodologies, or data inputs are not reasonably available, agencies include a qualitative analysis in the NEPA document and explain the basis for determining that quantification is not reasonably available. The final guidance is available here <https://www.whitehouse.gov/administration/eop/ceq/initiatives/nepa/ghg-guidance>. Contact: Teena Littleton (3-1601).

Shellfish Aquaculture Site Visit: On August 2, OERA and Puget Sound Program staff participated in a site visit of shellfish aquaculture operations in Samish Bay, Washington. The visit was provided by shellfish growers to help EPA understand their operations as they relate to Section 404 of the Clean Water Act - specifically use of Nationwide Permit 48 and potential impacts to eelgrass. We saw manila and geoduck clam growing as well as oyster growing operations. Contact: Linda Storm (3-6384).

Upcoming:

High Tide Line: The final version of the document articulating EPA, Army Corps, Seattle District, and NOAA's joint recommendation to revise the Seattle District's interpretation of the "high tide line" used to determine Clean Water Act jurisdiction is with EPA's graphic specialist to make the document "camera ready." We anticipate it to be completed the week of August 8. Jim Jacobson, the chief of Seattle District's Water Management Section, is briefing Col. Buck on August 12 in preparation for an August 22 meeting with Gen. Spellmon and Will Stelle. According to Jim, the August 22 meeting will cover other topics in addition to this one. Contacts: Michael Szerlog (3-0279) and Peter Murchie (3 -1148).

For the ET Notes from July 19 Extended ET Meeting Roundtable

2017 Nationwide Permit Reauthorization: Over the next two weeks, OERA will be submitting comments to the Army Corps' Seattle and Alaska Districts on the proposed regional conditions for each District as they relate to the proposed 2017 Nationwide Permits currently in the reauthorization process. Last week, we submitted comments to the Walla Walla and Portland Districts on their proposed regional conditions.

Discovery Bay (WA) Shellfish Mortality: A shellfish grower on Discovery Bay has contacted EPA - in addition to state and other federal agencies - regarding his concerns about oyster mortality in his shellfish beds. The grower started losing oysters and noticing deformities in their shells around the time that a Discovery Bay shoreline restoration project led by the North Olympic Salmon Coalition, permitted by the Corps of Engineers, and sponsored by the U.S. Fish and Wildlife Service, was taking place. The grower believes the oyster mortality is related to the restoration activities and has not been able to successfully raise oyster seed since the event. On August 1, at the grower's request, Linda Anderson-Carnahan participated in a site tour with the grower and the Clallam/Jefferson Field Representative for the Office of Representative Derek Kilmer.

Climate and Sustainability Updates: Mike Cox and Vicky Salazar are available to offer short updates on the Region's ongoing climate change and sustainability activities at upcoming office-level all-staff meetings.

OD & AD Travel/Significant Leave:

Office Director- IN Mon/Tue/Wed/Thu, OUT Fri {(Compressed)}; Acting OERA OD on Friday is Mahbubul Islam Linda Anderson-Carnahan- IN Tue pm/Wed, OUT Mon/Tue am/Thu/Fri {(Leave)} Christine Kelly- IN Mon/Tue/Wed/Thu/Fri

R. David Allnutt, Director
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